

# Glue Guru

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: CANTAC HSE-TAC (canisters and aerosols cans)  
Product Use: Adhesive for industrial use.

**New Zealand Supplier:** Glue Guru  
Address: 18 Kaimahi Road  
Wairau Valley, Auckland  
Telephone: 09 444 4878  
Fax Number: 09 442 5975  
**NZ Emergency No:** **0800 764 766(National Poison Centre)**

**Australian Emergency No** **13 11 26 (National Poison Centre)**

Date SDS Issued: 14 July 2016 v2

**Worldwide Distributor:** Glue Guru  
Address: 18 Kaimahi Road  
Wairau Valley, Auckland  
Telephone: 09 444 4878  
Fax Number: 09 442 5975

### Section 2. Hazards Identification

**Australia NOHSC – Is hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice**

**NZ - This substance is hazardous according to The HSNO (Minimum Degrees of Hazard) Regulations 2001**

**New Zealand Group Standard & EPA Approval Code (for Cans):  
Aerosols (Flammable Hazard) 2006 – HSR002515**

#### Pictograms



Flammable Gas



Irritant



Ecotoxic

**Signal Word: DANGER**

**HSNO Class.      Hazard Code      Hazard Statement      GHS Category**

2.1.2A	H222	Extremely flammable aerosol.	Category 1
6.3B	H316	May cause skin irritation.	Category 3
6.4A	H320	Causes eye irritation.	Category 2A
9.1B	H411	Toxic to aquatic life with long lasting effects.	Category 2

**Prevention Code      Prevention Statement**

P103	Read label before use.
P104	Read safety data sheet before use.
P210	Keep away from sparks and open flames. No smoking.
P211	Do not spray on an open flame or other ignition source.
P264	Wash hands after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing and gloves.

**Response Code      Response Statement**

P362	Take off contaminated clothing and wash before re-use
P391	Collect spillage.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P304 +P340	If Inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.

**Storage Code      Storage Statement**

P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
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**Disposal Code      Disposal Statement**

P501	Dispose of according to the local authorities
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### **Section 3.      Composition of hazardous Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
N Hexane	15-30%	110-54-3
Dimethyl Ether	15-30%	115-10-6

### **Section 4.      First Aid Measures**

Routes of Exposure:

If in Eyes      Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

If on Skin	Wash skin with soap and water. Obtain medical attention if needed.
If Swallowed	If individual is conscious, give large quantities of water to dilute stomach contents. Do not induce vomiting. Obtain medical attention immediately.
If Inhaled	Move person to an uncontaminated atmosphere. If not breathing, administer artificial respiration. If breathing is difficult, administer oxygen. Get medical attention.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Flammable Gas
<b>Hazards from products</b>	Thermal decomposition may yield Carbon Monoxide, Hydrogen Chloride, Phosgene and Chloride.
<b>Suitable Extinguishing media</b>	CO <sub>2</sub> , Dry Chemical. Do not use full water jet.
<b>Precautions for firefighters and special protective clothing</b>	Fire may produce toxic thermal decomposition products; pressure-demand, self-contained respiratory breathing protection should be provided for firefighters in buildings or other confined areas.
<b>HAZCHEM CODE</b>	<b>2YE</b>

### Section 6. Accidental Release Measures

Wear full protective gear as detailed in Section 8. No smoking or sources of ignition. Wear protective gloves and use suitable respiratory protective equipment. Soak up with absorbent materials and collect in suitable containers for correct disposal. Ventilate spill area. Do not release into sewers/drains/waterways.

### Section 7. Handling and Storage

- Read label before use.
- Read safety data sheet before use.
- Keep away from sparks and open flames. No smoking.
- Do not spray on an open flame or other ignition source.
- Wash hands after handling.
- Avoid release to the environment.
- Wear protective clothing and gloves.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### Section 8 Exposure Controls / Personal Protection

#### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
N Hexane	20	72	-	-
Dimethyl Ether	400	766	500	958

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.*

Product Name: CANTAC HSE-Tac  
Date of MSDS: 16 July 2016

Issued by: Glue Guru  
Tel: 64 9 444 4878

## Engineering Controls

Ensure adequate ventilation. Local exhaust ventilation is recommended as it prevents contaminant dispersion into the work area by controlling it at its source.

## Personal Protection

### Respiratory Protection

Not required if adequate ventilation. If ventilation is not adequate, a suitable respirator and cartridge should be used.

### Hand Protection

Impervious gloves recommended.

### Eye Protection

Chemical safety goggles/face shields or glasses recommended. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Aerosol (cans and canister)
<b>Colour</b>	Clear to Red Liquid
<b>Odour</b>	Organic Solvent
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Not applicable
<b>Upper and Lower Explosive Limits</b>	Not applicable
<b>Vapour Pressure</b>	70PSIG @ 21.1°C
<b>Vapour Density (air=1)</b>	>1
<b>Specific Gravity</b>	0.68-0.72
<b>Solubility in water</b>	Insoluble
<b>Partition Coefficient:</b>	Not applicable
<b>Auto Ignition temp</b>	Not applicable
<b>Oxidising</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Percent Volatile</b>	Not applicable
<b>Evaporation Rate</b>	➤ 1 (n Butyl Acetate = 1)

## Section 10. Stability and Reactivity

### Stability of Substance

Stable under normal conditions

### Conditions to Avoid

Avoid heat, flames and other sources of ignition

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition

### Products

oxides of carbon – various hydrocarbons

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes mild skin irritation.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

## Section 12. Ecotoxicological Information

### New Zealand:

HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.

<b>Persistence and degradability</b>	No data available
<b>Biodegradation</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

### N Hexane:

Species: Daphnia magna Water flea

48 hr = EC<sub>50</sub> (Intoxication) = 3.9 mg/L

## Section 13. Disposal Considerations

Dispose of in accordance with all applicable local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container. Use non-sparking tools. Do not incinerate closed containers. Dispose of containers with care. Seek advice from supplier if unsure.

Ensure waste container is labelled "Hazardous Waste – Flammable, Ecotoxic"

## Section 14 Transport Information

This product is Classified as a Dangerous Good for transport:  
In New Zealand; NZS 5433:2012  
In Australia: The Australian Dangerous Goods Code (ADG Code)



### Road, Rail, Air, Sea Transport

<u>Aerosols</u>		<u>Cannisters</u>	
UN No:	1950	UN No. 3161	
Class-primary	2.1	Class 2.1	
Packing Group	None allocated	Packing Group: none allocated	
Proper Shipping Name:	AEROSOLS	Proper Shipping Name; LIQUIFIED GAS, FLAMMABLE, N.O.S	

## Section 15 Regulatory Information

### Australia:

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No: Schedule 5

### New Zealand:

EPA Approval Code for Cans: Group Standard : Aerosols (Flammable Hazard) – HSR002515

HSNO Classification: 2.1.2A, 6.3B, 6.4A, 9.1B

### **HSNO Controls in New Zealand:**

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	3000 L (AWC)
Location Certificate	3000 L (AWC)
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1 000 L (9.1B)
Emergency Response Plan trigger Quantities	1000 L (9.1B)

\*AWC = Aggregate Water Capacity

## Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice.

## Disclaimer

This document has been issued by the Glue Guru and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to the Glue Guru or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Glue Guru have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Glue Guru accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand distributor, Glue Guru, if further information is required.

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